

**MODIS Technical Team Meeting**  
**Thursday, March 25, 2004**  
**Building 33, Room E125**

Vince Salomonson chaired the meeting. In attendance were Shaida Johnston, Bob Barnes, Ed Masuoka, Steve Kempler, Greg Leptoukh, and Michael King, with Yolanda Harvey taking the minutes.

## **1.0 Upcoming Events**

- MODIS Science Team Telecon, March 29, 2004, 11 AM EST, NASA GSFC Building 33, E108.
- Ocean Color Research Team Meeting, Marriott Metro Center, Washington D.C., 14-16 April 2004. Register by April 7  
([http://www.tisconferences.com/ocrt/OCRT\\_regmain.htm](http://www.tisconferences.com/ocrt/OCRT_regmain.htm))  
<http://www.tisconferences.com/ocrt/>
- AGU Joint Assembly, Montreal, Quebec, Canada. May 17-21, 2004. Deadline for abstracts: February 12, 2004 (mail) and February 19 (electronic, before 9 pm EST)  
<http://www.agu.org> <http://www.agu.org/meetings/sm04/index.shtml>
- MODIS Vegetation Workshop II, University of Montana, 17 - 19 August 2004
- AIAA Space 2004 Conference and Exhibit, San Diego, California, September 28-30 2004.  
<http://www.aiaa.org/>

## **2.0 Meeting Minutes**

### **2.1 General Discussion**

Salomonson said that progress is being made with the procurement packages for the maintenance/refinement portions (the contract ones) of the Science Team. The Land group packages are going through the system, and they're waiting on the Ocean Color ones. The general Statement of Work is ready and will go into the contracts. Generally progress is slow, but clearly positive.

Salomonson said that for the next Science Team meeting, he is advocating that the product producers present their results and aims. He proposed 20 minutes for each presentation, which would make that portion of the meeting two days long, plus a little time for discussion. Posters are also going to be encouraged. Discipline meetings would take place on the third day. Now it's just a matter of establishing the dates for the meeting.

### **2.2 Instruments**

Salomonson reported that both instruments are doing fine.

Bob Barnes reported that the ocean color group is developing new polarization correction for Aqua. The new correction may remove the seasonal issue from the Aqua MODIS data. When this is completed, they will be working on surface/BRDF corrections. This is in preparation for a reprocessing of the Aqua ocean color data set, which should be completed before next month's Ocean Color Research Team Meeting.

## **2.3 DAAC**

Kempler reported that during March they were running at 4.66x Aqua combined processing and reprocessing. They're 12 hours behind Terra's leading edge. There were two hours of planned downtime, and five hours of unplanned. The system has been running at 80% availability.

## **2.4 SDST**

Masuoka reported that Building 32's Uninterruptible Power Supply (UPS) is going down temporarily. It supplies power to MODAPS, MODIS TLCF, etc.

Masuoka reported that it looks like replacing the router solved the data corruption problem they were experiencing. The GES DAAC is doing a study to see how much of the products shipped from the GES DAAC to users were corrupted. This can be estimated by looking at products the GES DAAC shipped to other DAACs and seeing how many of those files were corrupted.

Masuoka said that his group is looking at how they can accommodate the needs of the ocean color processing effort (fit it into the budgets beyond 2004). NASA HQ is currently discussing which groups will do the Sea Surface Temperature production and product archive.

On the Miami subset, Masuoka reported that in about a week Aqua reprocessing is going to start, so they're not going to need the same subset as Miami does. Therefore, there's no point in sending MODAPS the subset to send on to Miami. However, the Ocean Color Data Processing System may not need their Level 1A feed from the GES DAAC in the near future. They and the NOAA Near-Real Time System for MODIS and AIRS will be using software developed for NPP that will enable them to obtain Level 0 data that arrives late (currently these data are not retained on the NOAA system.) using the subsets created by the SeaWiFS group from the bent pipe path. Masuoka was concerned that since the SeaWiFS group will only be generating Aqua ocean subsets, this would not satisfy Miami's need for both Aqua and Terra subsets. Masuoka will also check with MCST, which is on the books for a large volume of Level 1 products, to see if their Q/A feed is still needed. If not, this volume will offset the amount of data being sent to Miami.

## **3.0 Action Items**

### **3.1 New Action Items**

No new action items.

### **3.2 Old Action Items**

3.2.1 Wolfe to send list of Linux-ported algorithms to Kempler and Pat Coranado; Kempler to send Bachella's email to Wolfe.  
Status: Open.

3.2.2 Johnston to summarize the available options and scenarios for the group to consider, as well as break down the types of data that are considered QA data.  
Status: Open.

3.2.3 Tech Team to further discuss TRW using MODIS data for validation of the NPP/NPOESS production process.

Status: Open.

3.2.4 Kempler to bring back some proposals for how the disciplines can deal with the DAAC distribution problem.

Status: Open.